

L Number	Hits	Search Text	DB	Time stamp
1	3468	("514/183,229.2,299,418,430").CCLS	USPAT	2004/02/27 11:31
2	0	("546/112,113").CCLS	USPAT	2004/02/27 11:32
3	1181	("546/112,113").CCLS	USPAT	2004/02/27 11:32
4	1375	("548/452,453,465").CCLS	USPAT	2004/02/27 11:32
5	1309	("544/98,111,359,368").CCLS	USPAT	2004/02/27 11:32
6	2	((("514/183,229.2,299,418,430").CCLS) and ("546/112,113").CCLS) and ("544/98,111,359,368").CCLS)	USPAT	2004/02/27 11:33

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NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
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NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
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NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
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NEWS 22 FEB 05 German (DE) application and patent publication number format
changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
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FILE 'HOME' ENTERED AT 10:58:20 ON 27 FEB 2004

=> file reg

COST IN U.S. DOLLARS

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SESSION

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0.42

0.42

FILE 'REGISTRY' ENTERED AT 10:59:34 ON 27 FEB 2004

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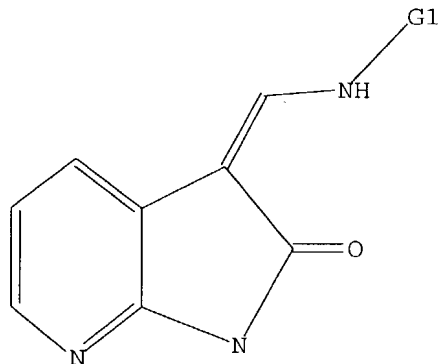
Uploading c:\program files\stnexp\queries\10669400.1

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Cb, Cy, Hy

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 10:59:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 122 TO ITERATE

100.0% PROCESSED 122 ITERATIONS

113 ANSWERS

SEARCH TIME: 00.00.01

L2 113 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.84

FILE 'CAPLUS' ENTERED AT 11:00:02 ON 27 FEB 2004

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FILE COVERS 1907 - 27 Feb 2004 VOL 140 ISS 10

FILE LAST UPDATED: 26 Feb 2004 (20040226/ED)

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=> s l2

L3 2 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:688216 CAPLUS

DN 133:266726

TI Preparation of 3-(anilinomethylene)oxindoles and analogs as protein tyrosine kinase and protein serine/threonine kinase inhibitors

IN Glennon, Kimberley Caroline; Kuyper, Lee Frederick; Lackey, Karen Elizabeth; McNutt, Robert Walton, Jr.

PA Glaxo Group Limited, UK

SO PCT Int. Appl., 189 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000056710	A1	20000928	WO 2000-US5057	20000228
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG GB 1999-4933 A 19990304 EP 1165514 A1 20020102 EP 2000-913643 20000228 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO GB 1999-4933 A 19990304 WO 2000-US5057 W 20000228 US 6350747 B1 20020226 US 2000-514528 20000228 GB 1999-4933 A 19990304 JP 2002540097 T2 20021126 JP 2000-606572 20000228 GB 1999-4933 A 19990304 WO 2000-US5057 W 20000228 US 6498176 B1 20021224 US 2001-914063 20010822 GB 1999-4933 A 19990304 WO 2000-US5057 W 20000228 US 2002099071 A1 20020725 US 2001-966318 20010927 GB 1999-4933 A 19990304 US 2000-514528 A320000228				
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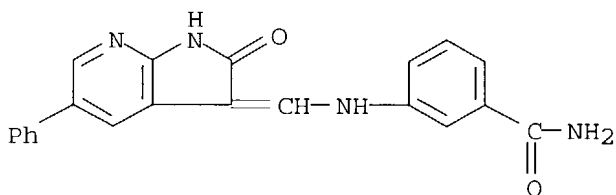
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 297756-21-9P 297756-22-0P 297756-23-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of anilinomethylene oxindolones and analogs as protein tyrosine kinase and protein serine/threonine kinase inhibitors by alkylation and amination of oxindolones via standard or solution phase library methods)

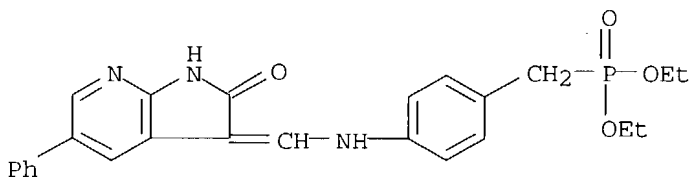
RN 297755-15-8 CAPLUS

CN Benzamide, 3-[[[(1,2-dihydro-2-oxo-5-phenyl-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



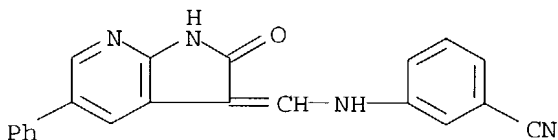
RN 297755-16-9 CAPLUS

CN Phosphonic acid, [[4-[[[(1,2-dihydro-2-oxo-5-phenyl-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



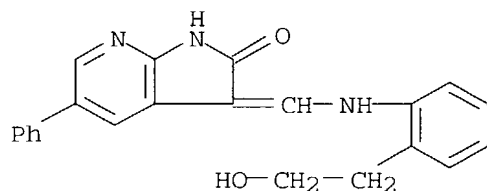
RN 297755-17-0 CAPLUS

CN Benzonitrile, 3-[[[(1,2-dihydro-2-oxo-5-phenyl-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



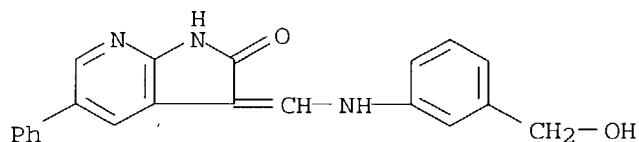
RN 297755-18-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



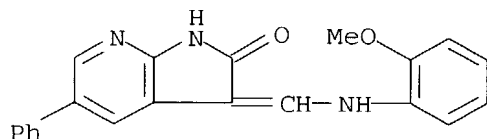
RN 297755-19-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



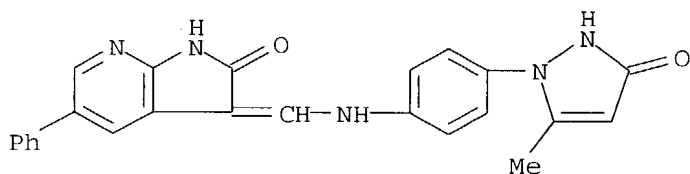
RN 297755-20-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-methoxyphenyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



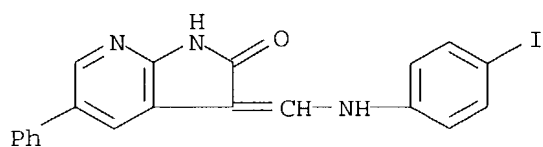
RN 297755-21-6 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



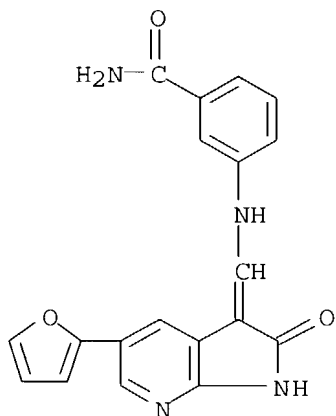
RN 297755-22-7 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[4-iodophenyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



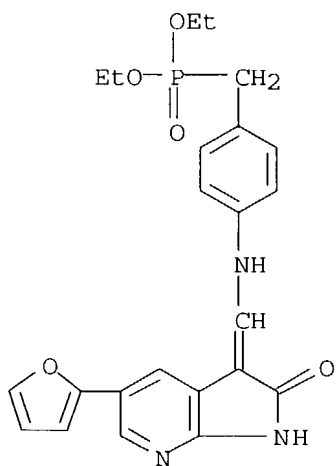
RN 297755-23-8 CAPLUS

CN Benzamide, 3-[[[5-(2-furanyl)-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



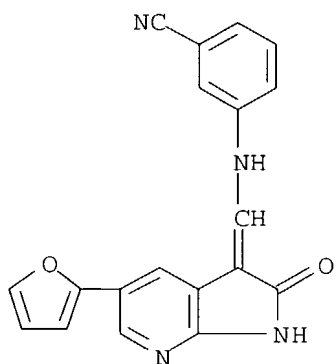
RN 297755-24-9 CAPLUS

CN Phosphonic acid, [[4-[[[5-(2-furanyl)-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



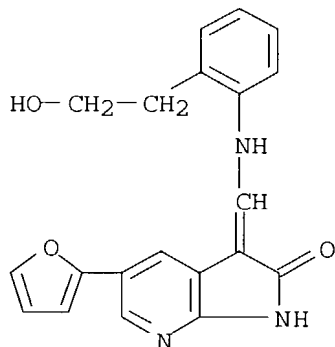
RN 297755-25-0 CAPLUS

CN Benzonitrile, 3-[[[5-(2-furanyl)-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



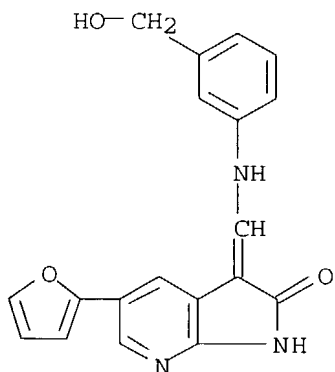
RN 297755-26-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



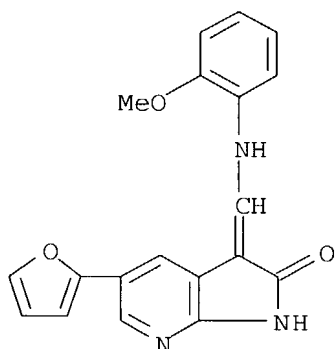
RN 297755-27-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



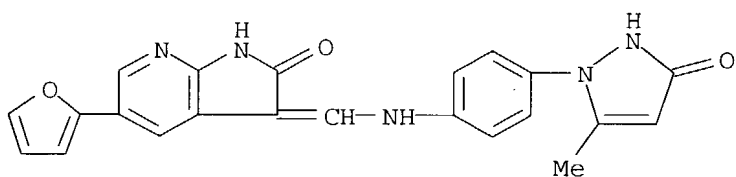
RN 297755-28-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[[2-(methoxyphenyl)amino]methylene]- (9CI) (CA INDEX NAME)



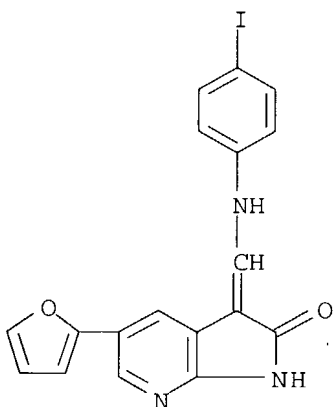
RN 297755-29-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-5-(2-furanyl)-1,3-dihydro- (9CI) (CA INDEX NAME)



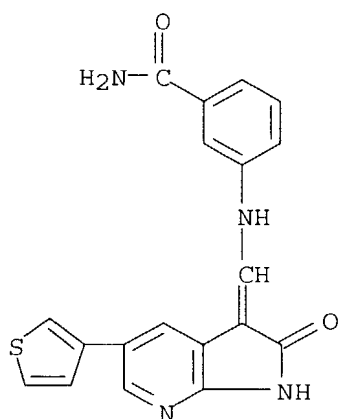
RN 297755-30-7 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



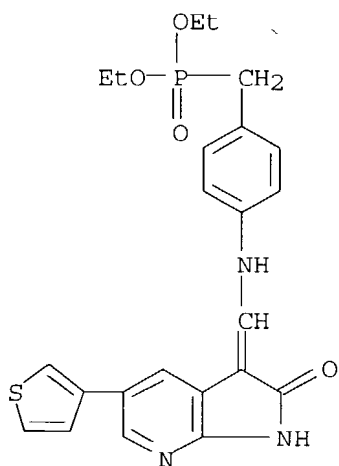
RN 297755-31-8 CAPLUS

CN Benzamide, 3-[[[1,2-dihydro-2-oxo-5-(3-thienyl)-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



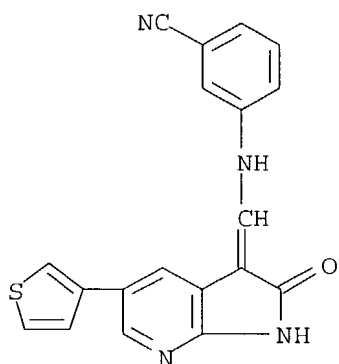
RN 297755-32-9 CAPLUS

CN Phosphonic acid, [[4-[[[1,2-dihydro-2-oxo-5-(3-thienyl)-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



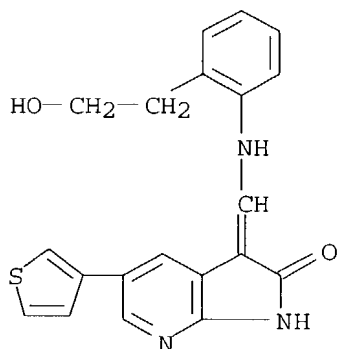
RN 297755-33-0 CAPLUS

CN Benzonitrile, 3-[[[1,2-dihydro-2-oxo-5-(3-thienyl)-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



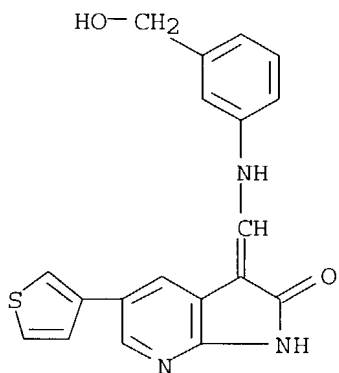
RN 297755-34-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



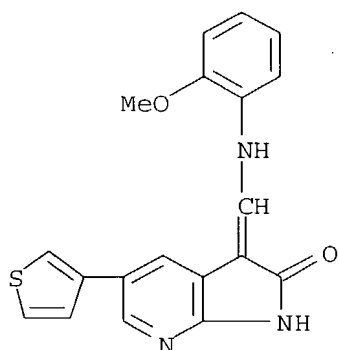
RN 297755-35-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



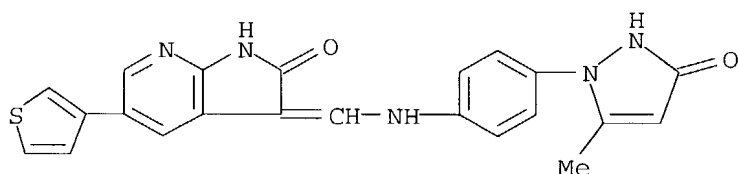
RN 297755-36-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-methoxyphenyl]amino]methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



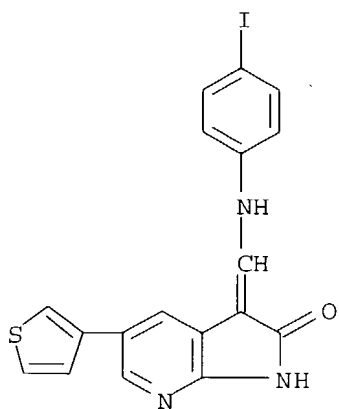
RN 297755-37-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro-5-(3-thienyl)- (9CI) (CA INDEX NAME)



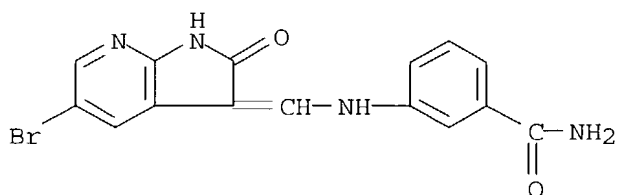
RN 297755-38-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



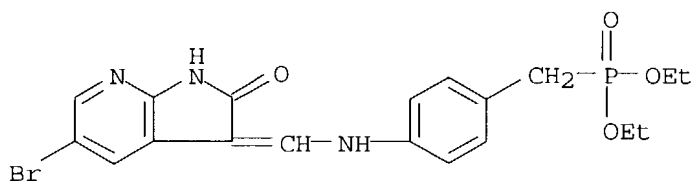
RN 297755-39-6 CAPLUS

CN Benzamide, 3-[[[5-bromo-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



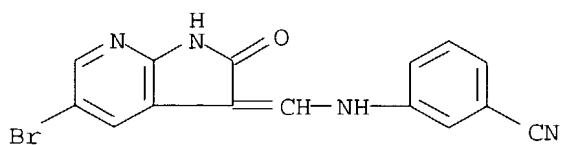
RN 297755-40-9 CAPLUS

CN Phosphonic acid, [[4-[[[(5-bromo-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]phenyl)methyl]-, diethyl ester (9CI) (CA INDEX NAME)



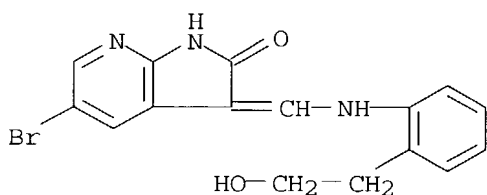
RN 297755-41-0 CAPLUS

CN Benzonitrile, 3-[[[(5-bromo-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



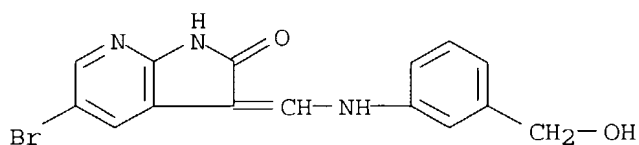
RN 297755-42-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



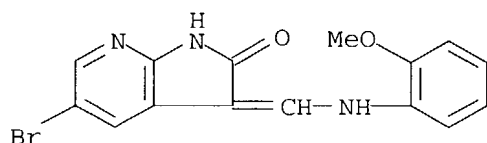
RN 297755-43-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



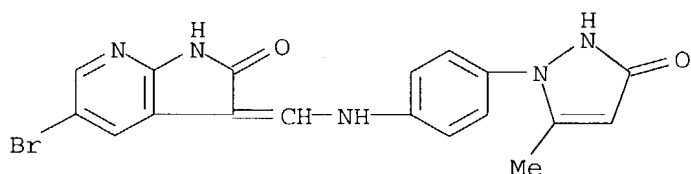
RN 297755-44-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[[2-methoxyphenyl]amino]methylene- (9CI) (CA INDEX NAME)



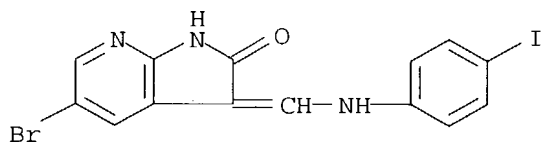
RN 297755-45-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



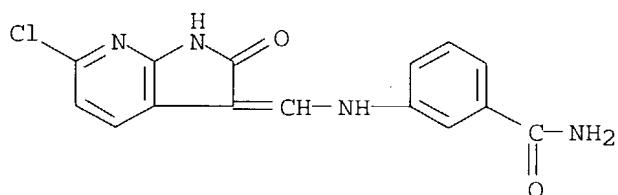
RN 297755-46-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-3-[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



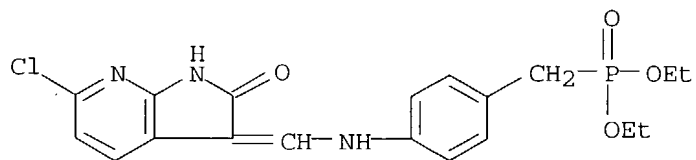
RN 297755-47-6 CAPLUS

CN Benzamide, 3-[[6-chloro-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



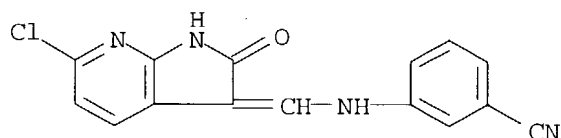
RN 297755-48-7 CAPLUS

CN Phosphonic acid, [[4-[[[(6-chloro-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



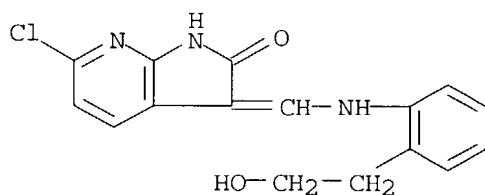
RN 297755-49-8 CAPLUS

CN Benzonitrile, 3-[[[(6-chloro-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



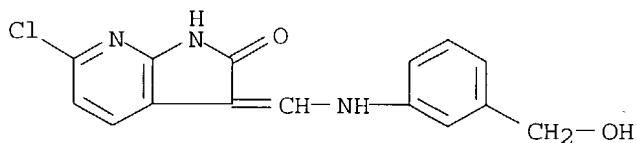
RN 297755-50-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



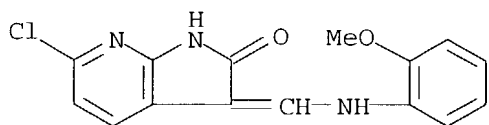
RN 297755-51-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



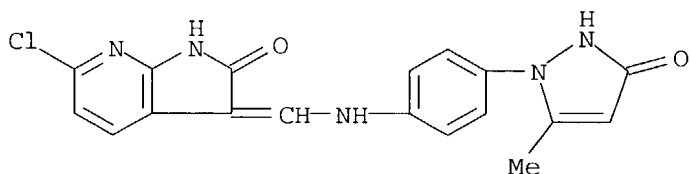
RN 297755-52-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[2-methoxyphenyl]amino]methylene]- (9CI) (CA INDEX NAME)



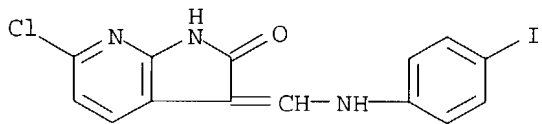
RN 297755-53-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



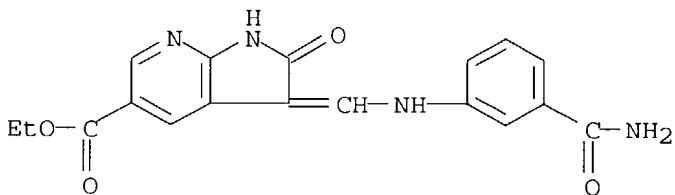
RN 297755-54-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]- (9CI) (CA INDEX NAME)



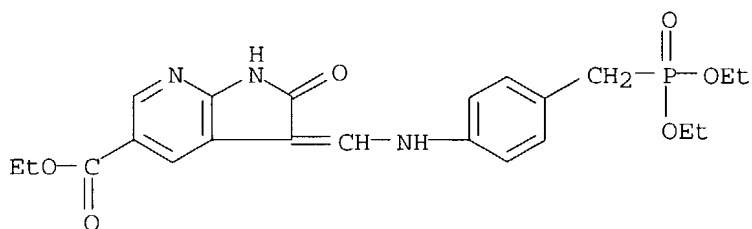
RN 297755-55-6 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[3-(aminocarbonyl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



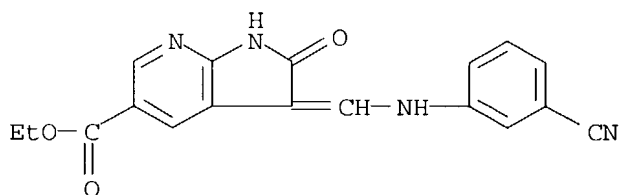
RN 297755-56-7 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[3-(aminocarbonyl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



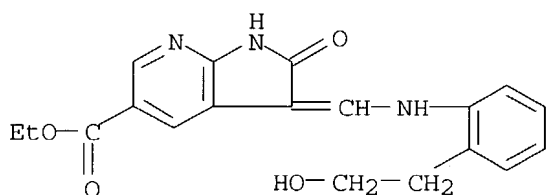
RN 297755-57-8 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[3-(cyanophenyl)amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



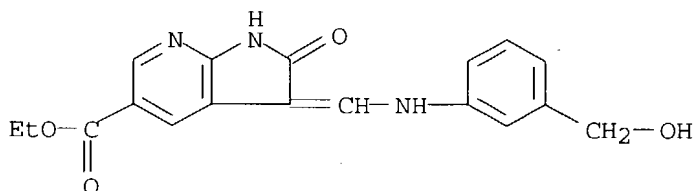
RN 297755-58-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



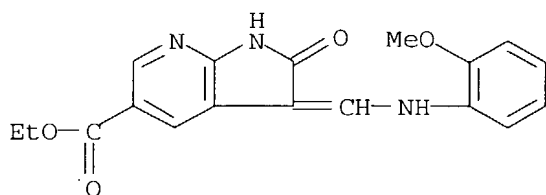
RN 297755-59-0 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



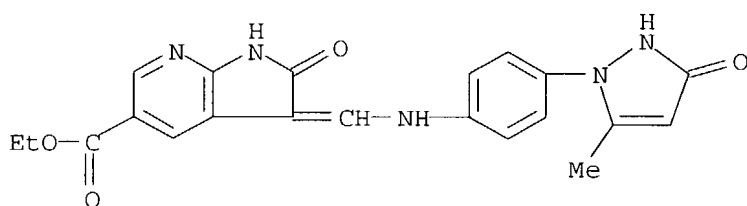
RN 297755-60-3 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[2-(methoxyphenyl)amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



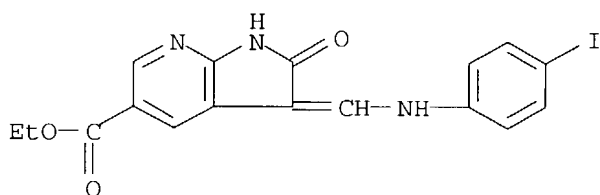
RN 297755-61-4 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



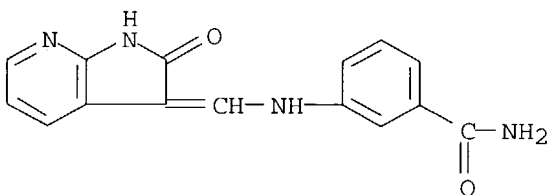
RN 297755-62-5 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



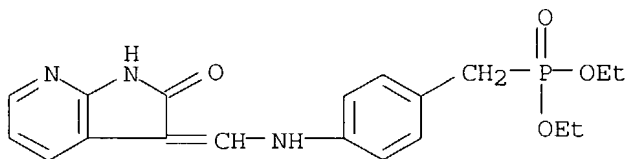
RN 297755-63-6 CAPLUS

CN Benzamide, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-1H-pyrrolo[2,3-b]pyridine-5-carboxylic acid, ethyl ester (9CI) (CA INDEX NAME)



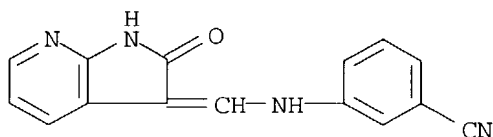
RN 297755-64-7 CAPLUS

CN Phosphonic acid, [[4-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-1H-pyrrolo[2,3-b]pyridine-5-carboxylic acid, ethyl ester (9CI) (CA INDEX NAME)



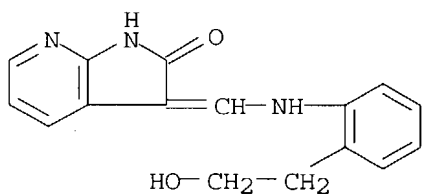
RN 297755-65-8 CAPLUS

CN Benzonitrile, 3-[[[(1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino] - (9CI) (CA INDEX NAME)



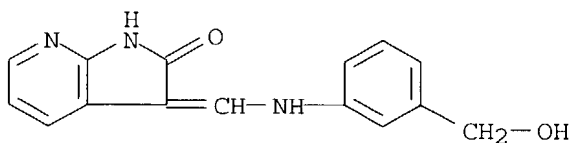
RN 297755-66-9 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-(2-hydroxyethyl)phenyl]amino]methylene] - (9CI) (CA INDEX NAME)



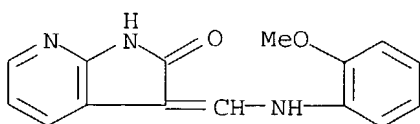
RN 297755-67-0 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[3-(hydroxymethyl)phenyl]amino]methylene] - (9CI) (CA INDEX NAME)



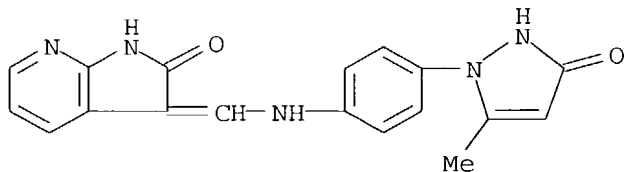
RN 297755-68-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[2-methoxyphenyl]amino]methylene] - (9CI) (CA INDEX NAME)



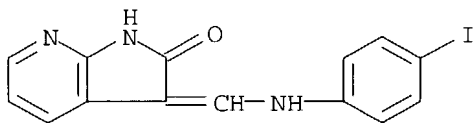
RN 297755-69-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[4-(2,3-dihydro-5-methyl-3-oxo-1H-pyrazol-1-yl)phenyl]amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



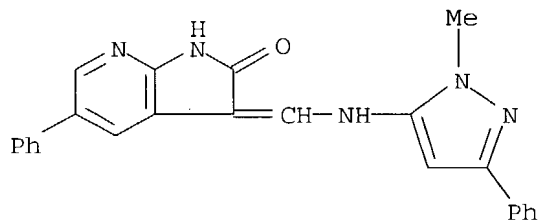
RN 297755-70-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[4-iodophenyl]amino]methylene]- (9CI) (CA INDEX NAME)



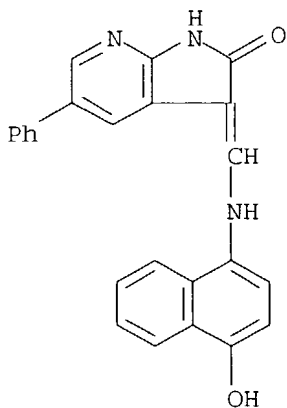
RN 297755-79-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[1-methyl-3-phenyl-1H-pyrazol-5-yl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



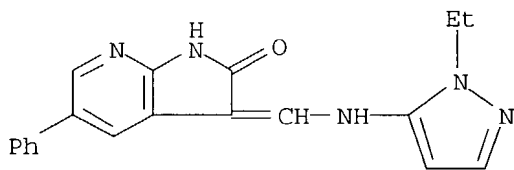
RN 297755-80-7 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[4-hydroxy-1-naphthalenyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



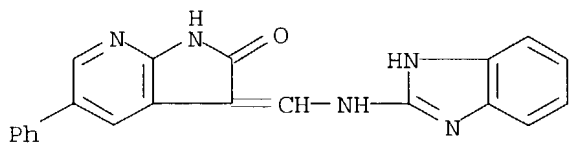
RN 297755-81-8 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1-(1-ethyl-1H-pyrazol-5-yl)amino]methylene]-1,3-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



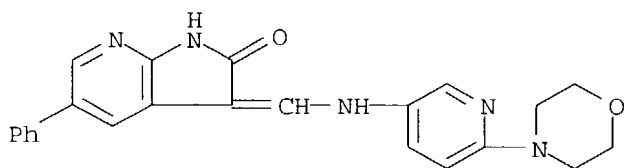
RN 297755-82-9 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1H-benzimidazol-2-ylamino]methylene]-1,3-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



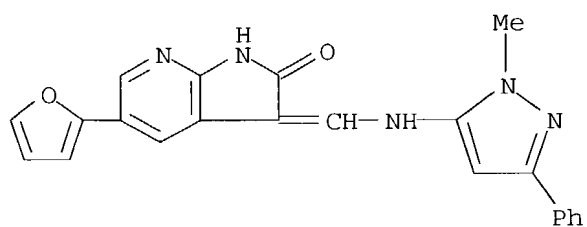
RN 297755-83-0 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]-5-phenyl- (9CI) (CA INDEX NAME)



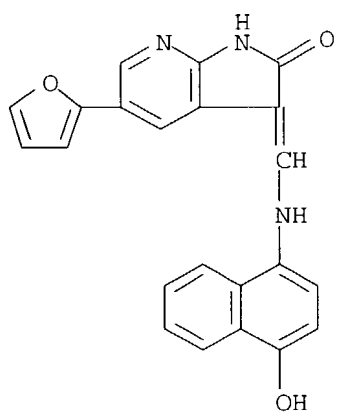
RN 297755-84-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[1-(1-methyl-3-phenyl-1H-pyrazol-5-yl)amino]methylene]- (9CI) (CA INDEX NAME)



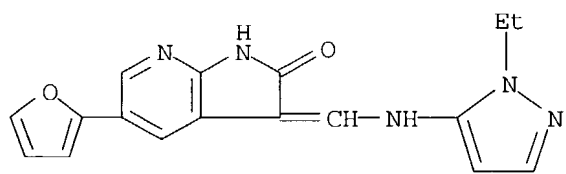
RN 297755-85-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[4-(4-hydroxy-1-naphthalenyl)amino]methylene]- (9CI) (CA INDEX NAME)



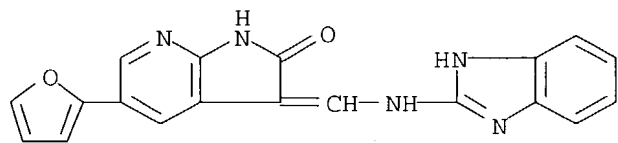
RN 297755-86-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1-(1-ethyl-1H-pyrazol-5-yl)amino]methylene]-5-(2-furanyl)-1,3-dihydro- (9CI) (CA INDEX NAME)



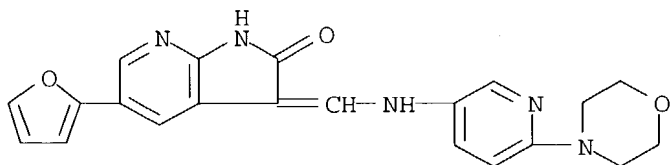
RN 297755-87-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1H-benzimidazol-2-ylamino]methylene]-5-(2-furanyl)-1,3-dihydro- (9CI) (CA INDEX NAME)



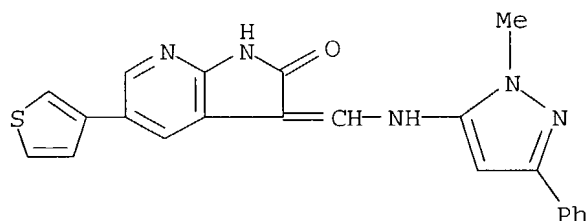
RN 297755-88-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene] - (9CI) (CA INDEX NAME)



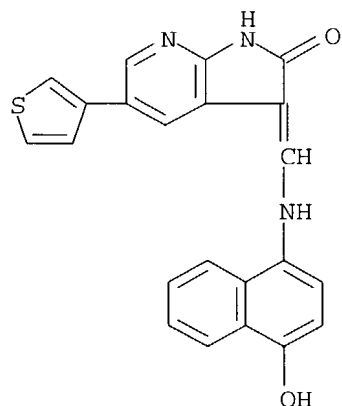
RN 297755-89-6 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[1-methyl-3-phenyl-1H-pyrazol-5-yl]amino]methylene] -5-(3-thienyl) - (9CI) (CA INDEX NAME)



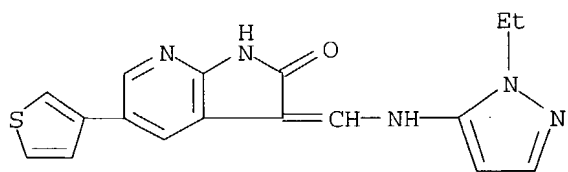
RN 297755-90-9 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[4-hydroxy-1-naphthalenyl]amino]methylene] -5-(3-thienyl) - (9CI) (CA INDEX NAME)



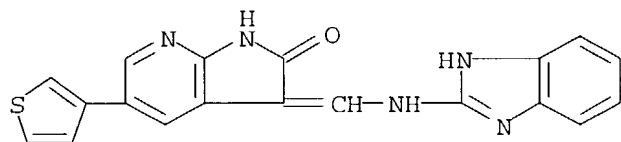
RN 297755-91-0 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[1-ethyl-1H-pyrazol-5-yl]amino]methylene] -1,3-dihydro-5-(3-thienyl) - (9CI) (CA INDEX NAME)



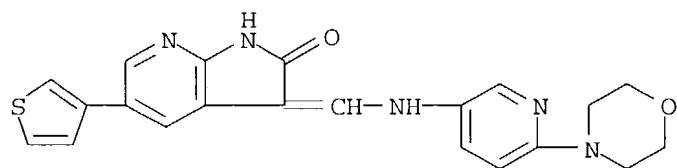
RN 297755-92-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[(1H-benzimidazol-2-ylamino)methylene]-
1,3-dihydro-5-(3-thienyl)- (9CI) (CA INDEX NAME)



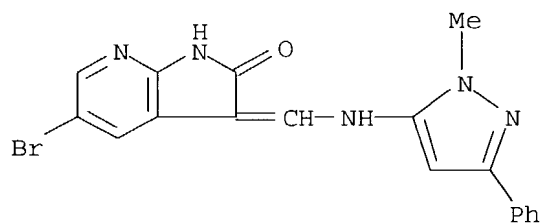
RN 297755-93-2 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



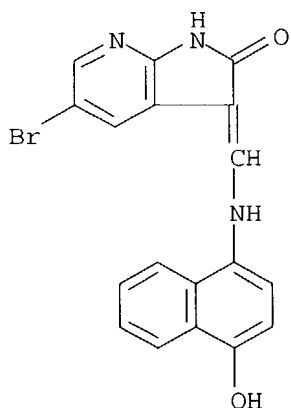
RN 297755-94-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[[(1-methyl-3-phenyl-1H-pyrazol-5-yl)amino]methylene] - (9CI) (CA INDEX NAME)



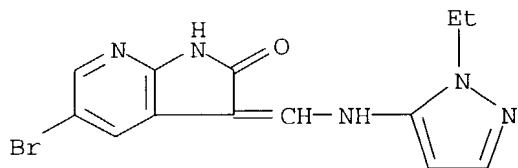
RN 297755-95-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[[4-hydroxy-1-naphthalenyl)amino]methylene] - (9CI) (CA INDEX NAME)



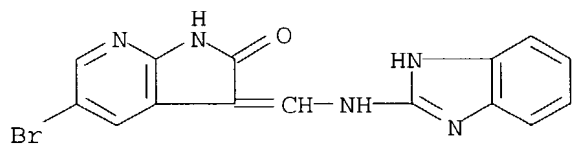
RN 297755-96-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-3-[[1-(2-hydroxy-1-naphthyl)amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



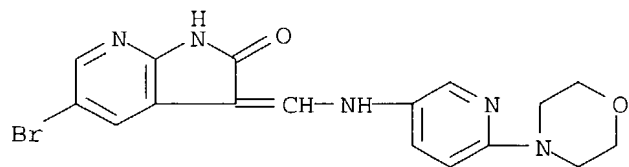
RN 297755-97-6 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1-ethyl-1H-pyrazol-5-yl]amino]methylene]-5-bromo-1,3-dihydro- (9CI) (CA INDEX NAME)



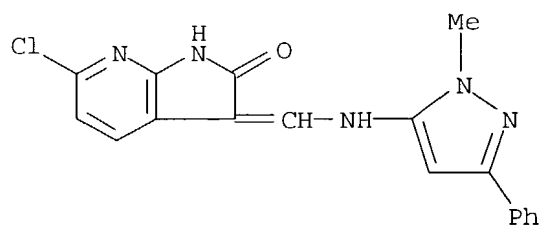
RN 297755-98-7 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]-5-bromo-1,3-dihydro- (9CI) (CA INDEX NAME)



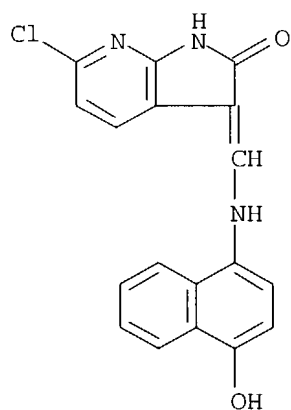
RN 297755-99-8 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[1-(3-phenyl-1H-pyrazol-5-yl)amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



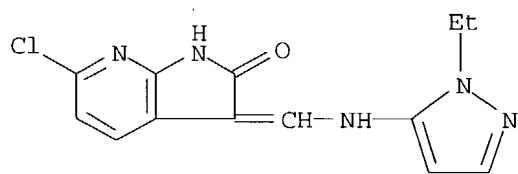
RN 297756-00-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[4-(4-hydroxy-1-naphthalenyl)amino]methylene]- (9CI) (CA INDEX NAME)



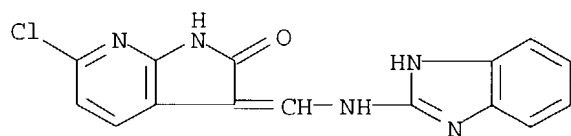
RN 297756-01-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-3-[[1-(1-ethyl-1H-pyrazol-5-yl)amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



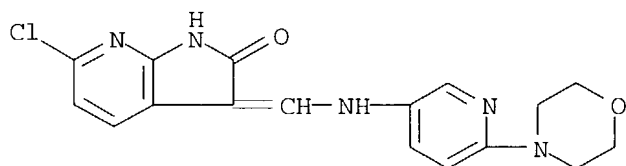
RN 297756-02-6 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[1H-benzimidazol-2-ylamino]methylene]-6-chloro-1,3-dihydro- (9CI) (CA INDEX NAME)

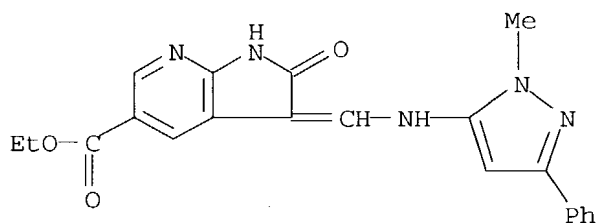


RN 297756-03-7 CAPLUS

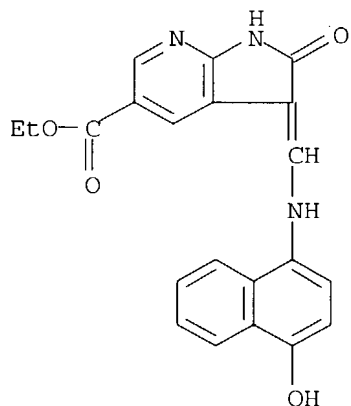
CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]- (9CI) (CA INDEX NAME)



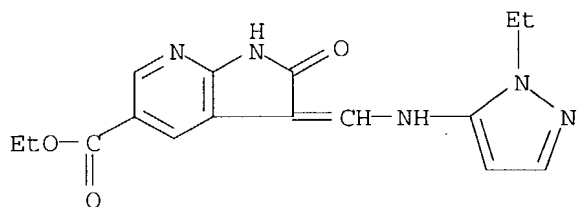
RN 297756-04-8 CAPLUS
CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[1-methyl-3-phenyl-1H-pyrazol-5-yl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



RN 297756-05-9 CAPLUS
CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[4-hydroxy-1-naphthalenyl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)

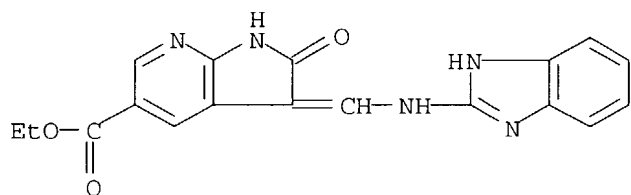


RN 297756-06-0 CAPLUS
CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[1-ethyl-1H-pyrazol-5-yl]amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



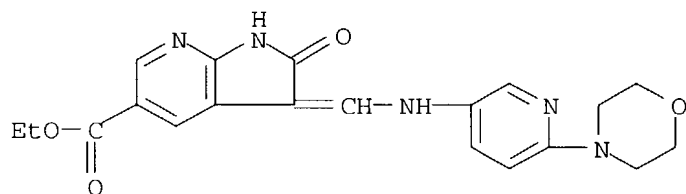
RN 297756-07-1 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[(1H-benzimidazol-2-ylamino)methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



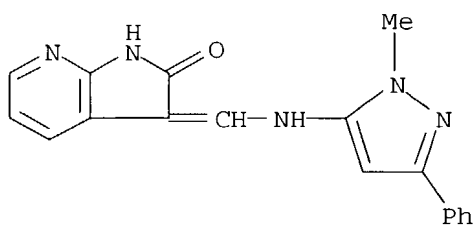
RN 297756-08-2 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



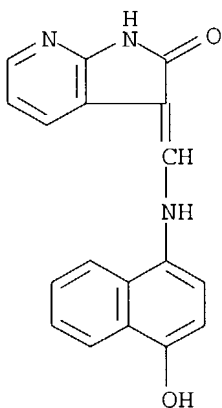
RN 297756-19-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[(1-methyl-3-phenyl-1H-pyrazol-5-yl)amino]methylene]- (9CI) (CA INDEX NAME)



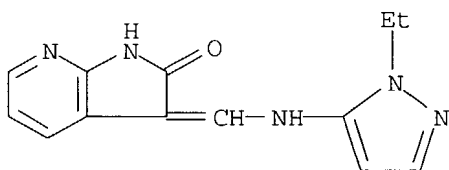
RN 297756-20-8 CAPLUS

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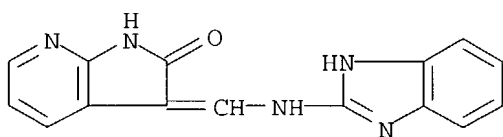
RN 297756-21-9 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 3-[[(1-ethyl-1H-pyrazol-5-yl)amino]methylene]-1,3-dihydro- (9CI) (CA INDEX NAME)



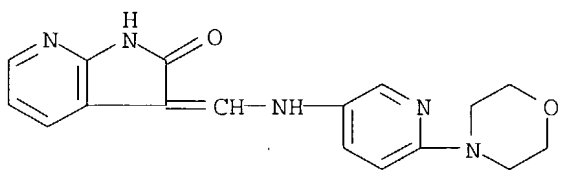
RN 297756-22-0 CAPLUS

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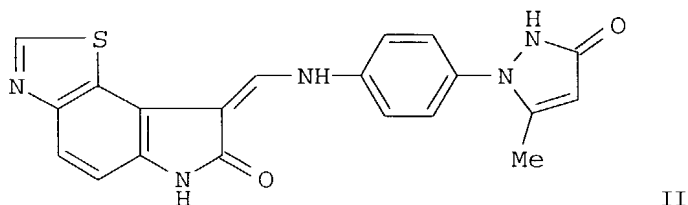
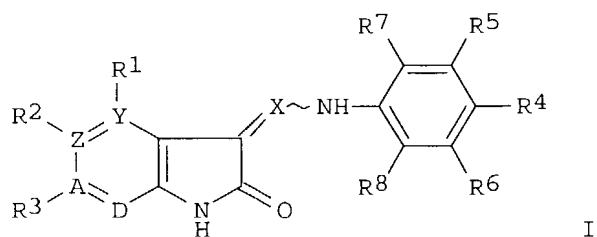


RN 297756-23-1 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[[[6-(4-morpholinyl)-3-pyridinyl]amino]methylene]- (9CI) (CA INDEX NAME)



GI



AB The title compds. (I) [wherein X = N, CH, CCF₃, or C(aliphatic); Y, Z, A, and D = C or N, and the number of N ≤ 1; R₁ = H, aliphatic, SH, hydroxy(aliphatic), aryl(aliphatic), cycloalkyl(aliphatic), heterocyclyl(aliphatic), (un)substituted NH₂, CONH₂, or SO₂NH₂, alkoxycarbonyl, halo, CN, or NO₂; R₂ = H, aliphatic, hydroxyimino aliphatic, alkoxy(carbonyl), hydroxyaliph., aryl(oxycarbonyl), heterocyclyl, (un)substituted CONH₂, NH₂, or SO₂NH₂, halo, OH, NO₂, aliphatic sulfonyl, etc.; or R₁ and R₂ are joined to form an (un)substituted fused heterocyclic ring; R₃ = H, aliphatic, hydroxy(aliphatic), (un)substituted NH₂, CONH₂, or SO₂NH₂, alkoxy, aryl(oxy), hydroxyaryl, (hydroxy)heterocyclyl, heterocycliloxy, or halo; or R₂ and R₃ are joined to form an (un)substituted fused heterocyclic ring; R₄ = SO₃H, (aliphatic)sulfonyl(aliphatic), (un)substituted SO₂NH₂, NH₂, CONH₂, etc.; R₅ = H; or R₄ and R₅ are joined to form an (un)substituted fused heterocyclic ring] were prepared via standard synthetic methods and solution phase library techniques as vascular endothelial growth factor receptor type 2 (VEGFR-2), cyclin dependent kinase 2 (CDK2), tyrosine kinase Tie-2 receptor, and colony-stimulating factor 1 receptor kinase (c-fms) inhibitors. For example, a mixture of 8-dimethylaminomethylene-6,8-dihydro-1-thia-3,6-diaza-as-indacene-7-one (preparation given) and 2-(4-aminophenyl)-3-methylpyrazolin-5-one in absolute EtOH was heated with stirring at 90°C for 16 h to give (Z)-II (83%). In substrate phosphorylation assays, II inhibited VEGFR-2 and CDK2 with IC₅₀ values of 1-10 μM and 11-50 μM, resp. I are useful as therapeutic agents in disease states alleviated by the inhibition or antagonism of protein kinase activated signalling pathways in general, and in particular in the pathol. processes which involve aberrant cellular proliferation, such as tumor growth, restenosis, atherosclerosis, and thrombosis. I are particularly useful for suppressing tumor growth by inhibiting tumor-related angiogenesis.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:666732 CAPLUS

DN 133:252418

TI Preparation of anilinomethylene aza-oxindoles and analogs as protein tyrosine kinase and protein serine/threonine kinase inhibitors

IN Harris, Philip Anthony; Kuyper, Lee Frederick; Lackey, Karen Elizabeth;
 Veal, James Marvin
 PA Glaxo Group Limited, UK
 SO PCT Int. Appl., 105 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055159	A2	20000921	WO 2000-US5583	20000303
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				GB 1999-4995	A 19990304
EP	1180105	A2	20020220	EP 2000-917713	20000303
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AT	240328	E	20030515	AT 2000-917713	20000303
				GB 1999-4995	A 19990304
				WO 2000-US5583	W 20000303
US	6624171	B1	20030923	US 2001-914393	20010828
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295327-51-4P, 5-Bromo-3-[(1H-indazol-6-ylamino)methylidene]-1,3-dihydro-2H-pyrrolo[2,3-b]pyridin-2-one **295327-52-5P**, 5-Bromo-3-[(6-quinolinylamino)methylidene]-1,3-dihydro-2H-pyrrolo[2,3-b]pyridin-2-one **295327-53-6P**, 4-[[[(6-Chloro-2-oxo-1,2-dihydro-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]benzenesulfonamide **295327-54-7P**, 6-Chloro-3-[(1H-indazol-6-ylamino)methylidene]-1,3-dihydro-2H-pyrrolo[2,3-b]pyridin-2-one **295327-55-8P**, 6-Chloro-3-[(6-quinolinylamino)methylidene]-1,3-dihydro-2H-pyrrolo[2,3-b]pyridin-2-one **295327-56-9P**, Ethyl 3-[[4-(aminosulfonyl)anilino]methylidene]-2-oxo-1,2-dihydro-3H-pyrrolo[2,3-b]pyridine-5-carboxylate **295327-57-0P**, Ethyl 3-[(1H-indazol-6-ylamino)methylidene]-2-oxo-1,2-dihydro-3H-pyrrolo[2,3-b]pyridine-5-carboxylate **295327-58-1P**, Ethyl 2-oxo-3-[(6-quinolinylamino)methylidene]-2,3-dihydro-1H-pyrrolo[2,3-b]pyridine-5-carboxylate **295327-59-2P**

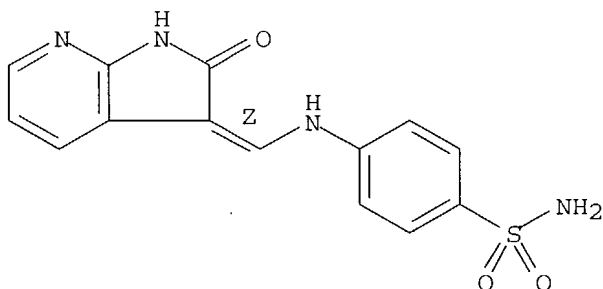
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenylaminomethylene aza-oxindolones as protein tyrosine kinase and protein serine/threonine kinase inhibitors by alkylation and amination of aza-oxindolones via standard or solution phase library methods)

RN 295327-24-1 CAPLUS

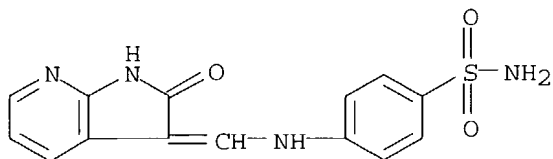
CN Benzenesulfonamide, 4-[[[(Z)-(1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



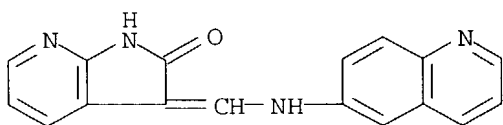
RN 295327-39-8 CAPLUS

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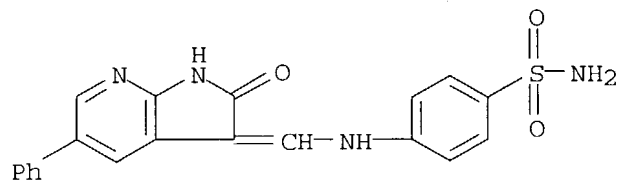
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CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[(6-quinolinylamino)methylene]- (9CI) (CA INDEX NAME)



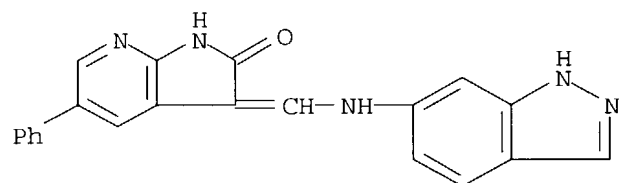
RN 295327-41-2 CAPLUS

CN Benzenesulfonamide, 4-[[[5-(2-furanyl)-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



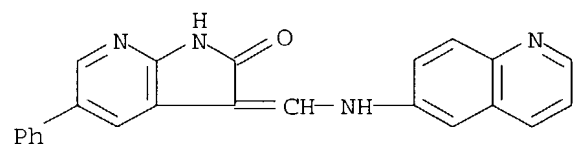
RN 295327-42-3 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene]-5-phenyl- (9CI) (CA INDEX NAME)



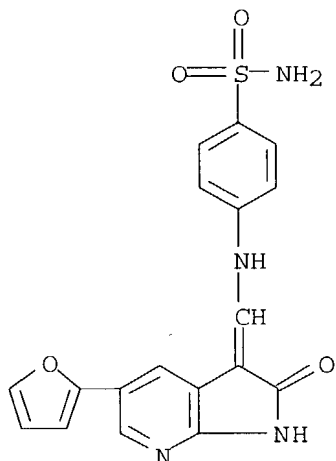
RN 295327-43-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-5-phenyl-3-[(6-quinolinylamino)methylene]- (9CI) (CA INDEX NAME)



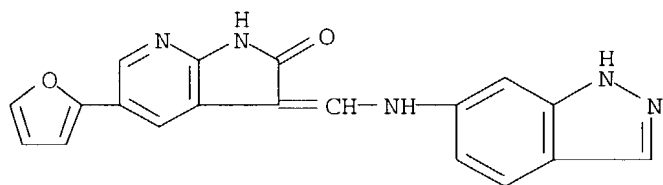
RN 295327-44-5 CAPLUS

CN Benzenesulfonamide, 4-[[[5-(2-furanyl)-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



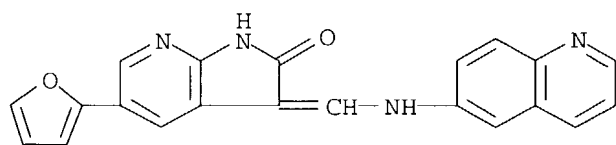
RN 295327-45-6 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-(2-furanyl)-1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene]- (9CI) (CA INDEX NAME)



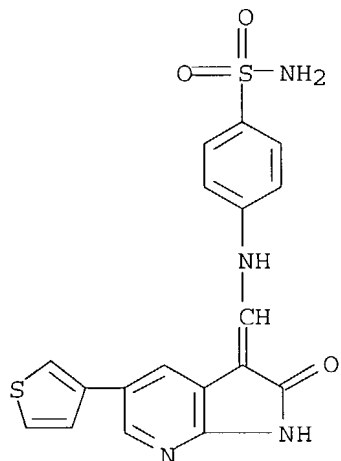
RN 295327-46-7 CAPLUS

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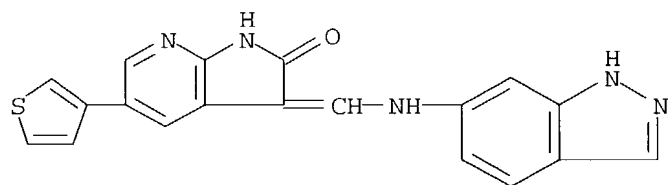
RN 295327-47-8 CAPLUS

CN Benzenesulfonamide, 4-[[[1,2-dihydro-2-oxo-5-(3-thienyl)-3H-pyrrolo[2,3-b]pyridin-3-ylidene]methyl]amino]- (9CI) (CA INDEX NAME)



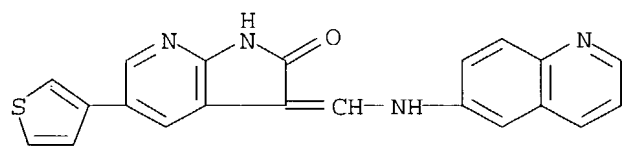
RN 295327-48-9 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene]-5-(3-thienyl)- (9CI) (CA INDEX NAME)



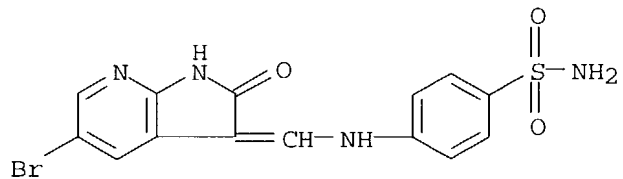
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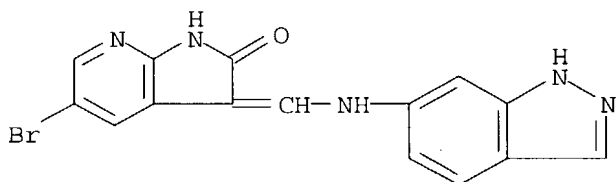
RN 295327-50-3 CAPLUS

CN Benzenesulfonamide, 4-[[5-bromo-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino]- (9CI) (CA INDEX NAME)



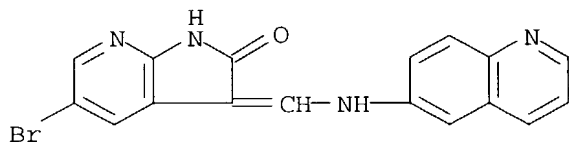
RN 295327-51-4 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene] - (9CI) (CA INDEX NAME)



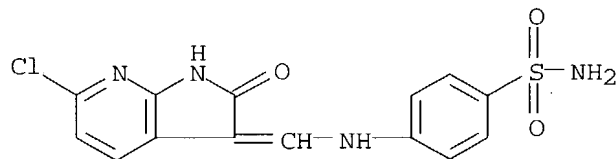
RN 295327-52-5 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 5-bromo-1,3-dihydro-3-[(6-quinolinylamino)methylene] - (9CI) (CA INDEX NAME)



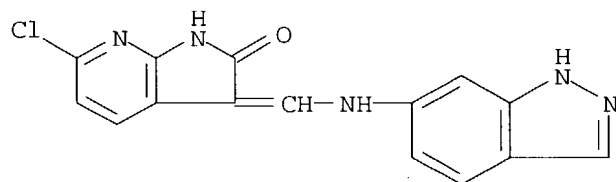
RN 295327-53-6 CAPLUS

CN Benzenesulfonamide, 4-[[[(6-chloro-1,2-dihydro-2-oxo-3H-pyrrolo[2,3-b]pyridin-3-ylidene)methyl]amino] - (9CI) (CA INDEX NAME)



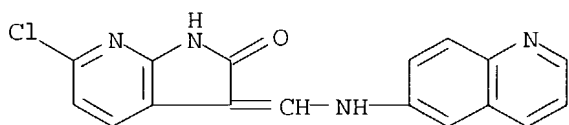
RN 295327-54-7 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene] - (9CI) (CA INDEX NAME)



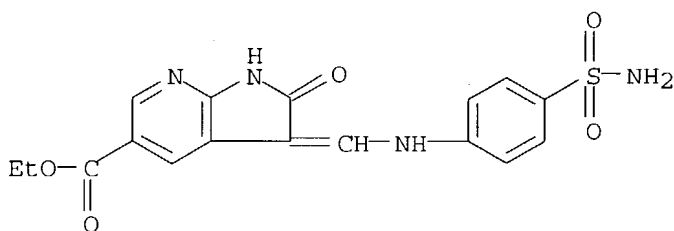
RN 295327-55-8 CAPLUS

CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 6-chloro-1,3-dihydro-3-[(6-quinolinylamino)methylene] - (9CI) (CA INDEX NAME)



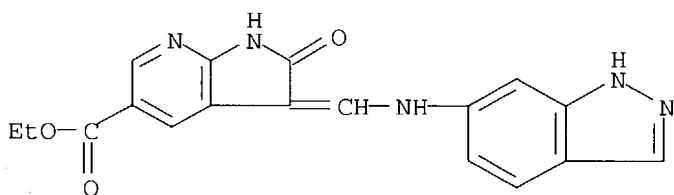
RN 295327-56-9 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 3-[[[4-(aminosulfonyl)phenyl]amino]methylene]-2,3-dihydro-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



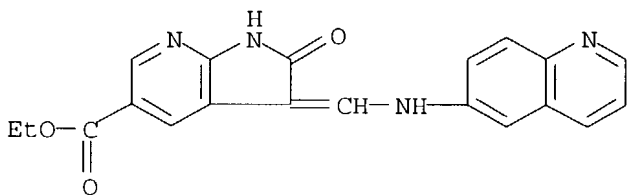
RN 295327-57-0 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-3-[(1H-indazol-6-ylamino)methylene]-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



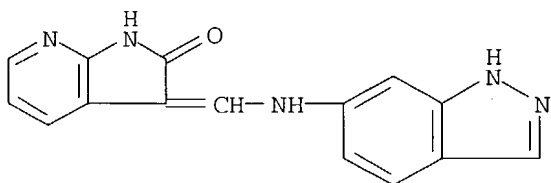
RN 295327-58-1 CAPLUS

CN 1H-Pyrrolo[2,3-b]pyridine-5-carboxylic acid, 2,3-dihydro-2-oxo-3-[(6-quinolinylamino)methylene]-, ethyl ester (9CI) (CA INDEX NAME)

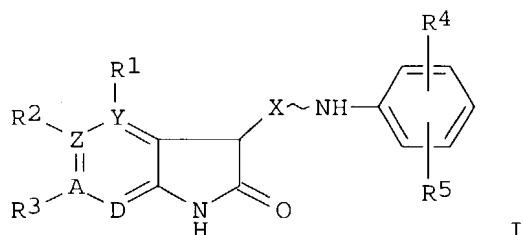


RN 295327-59-2 CAPLUS

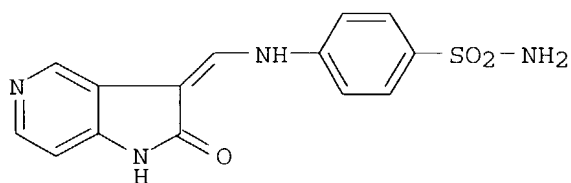
CN 2H-Pyrrolo[2,3-b]pyridin-2-one, 1,3-dihydro-3-[(1H-indazol-6-ylamino)methylene]- (9CI) (CA INDEX NAME)



GI



I



II

AB The title compds. (I) [wherein X = N, CH, CCF₃, or C(aliphatic); Y, Z, A, and D = C or N, and the number of N ≤ 1; R₁ = H, aliphatic, SH, hydroxy(aliphatic), aryl(aliphatic), cycloalkyl(aliphatic), heterocyclyl(aliphatic), (un)substituted NH₂, CONH₂, or SO₂NH₂, alkoxy carbonyl, halo, CN, or NO₂; R₂ = H, aliphatic, hydroxyimino aliphatic, alkoxy(carbonyl), hydroxyaliph., aryl(oxycarbonyl), heterocyclyl, (un)substituted CONH₂, NH₂, or SO₂NH₂, halo, OH, NO₂, aliphatic sulfonyl, etc.; or R₁ and R₂ are joined to form an (un)substituted fused heterocyclic ring; R₃ = H, aliphatic, hydroxy(aliphatic), (un)substituted NH₂, CONH₂, or SO₂NH₂, alkoxy, aryl(oxy), hydroxyaryl, (hydroxy)heterocyclyl, heterocyclloxy, or halo; or R₂ and R₃ are joined to form an (un)substituted fused heterocyclic ring; R₄ = SO₃H, (aliphatic)sulfonyl(aliphatic), (un)substituted SO₂NH₂, NH₂, CONH₂, etc.; R₅ = H; or R₄ and R₅ are joined to form an (un)substituted fused heterocyclic ring] were prepared via standard synthetic methods and solution phase library techniques as cyclin dependent kinase 2 (CDK2), colony-stimulating factor 1 receptor kinase (c-fms), and vascular endothelial growth factor receptor type 2 (VEGFR-2) inhibitors. For example, 1,5-diazainden-2-one•HBr was reacted with N,N-dimethylformamide-di-t-Bu acetal in DMF to give the 3-dimethylaminomethylene derivative, which was treated with sulfanilamide in EtOH with HCl to form (Z)-II. In substrate phosphorylation assays, II inhibited CDK2 and VEGFR-2 with IC₅₀ values of 0.01-0.1 μM and 1.0-10 μM, resp. I are useful as therapeutic agents in disease states

alleviated by the inhibition or antagonism of protein kinase activated signalling pathways in general, and in particular in the pathol. processes which involve aberrant cellular proliferation, such as tumor growth, restenosis, atherosclerosis, and thrombosis. I are particularly useful for the prevention of chemotherapy-induced alopecia.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.39

166.23

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.39

-1.39

STN INTERNATIONAL LOGOFF AT 11:01:06 ON 27 FEB 2004